

# MUHAMMAD AYAN KHAN

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 Wah Cantt, Punjab, Pakistan

## SUMMARY

Results-driven Flutter Developer with hands-on experience in cross-platform app development using Flutter, Firebase, and Supabase. Skilled in building sleek, scalable, and production-ready mobile applications following clean architecture principles and best coding practices. Currently working at eConceptions as a Junior Java Developer, contributing to backend and API development while exploring innovative mobile app solutions. Strong foundation in AI-integrated healthcare applications, supported by a CGPA of 3.52 and a solid academic background. Passionate about crafting elegant UI/UX and delivering reliable, high-performance mobile experiences.

## EDUCATION

### Bachelor of Science in Software Engineering

2021 – 2025

- COMSATS University Islamabad, Wah Campus
- CGPA: 3.52
- Final Year Project: ArticuliCare – AI-powered Flutter app for articulation disorder detection using Firebase, Supabase & TFLite
- Key Courses: Mobile App Development, Software Engineering, Databases, AI Fundamentals

## TECHNICAL SKILLS

- Mobile: Flutter (Dart), Firebase, Supabase
- Backend & Web: Python, PHP (Laravel), MySQL, HTML/CSS
- Tools: Git, VS Code, Android Studio, Postman, Figma, Visio, Microsoft Project
- Docs: UML Diagrams, Wireframing, SRS

## PROJECT EXPERIENCE

### ArticuliCare – Final Year Project

Oct 2024 – May 2025

AI-powered Flutter app for detecting articulation disorders using Firebase, TFLite, and Supabase.

### Banking Management Desktop App

Mar 2022

Java desktop app with authentication and transaction history modules using NetBeans.

### Gaming Accessories E-commerce Site

Oct 2023

Full-stack Laravel-based e-commerce app with admin panel, cart, and checkout modules.

### Dript Store UI Screens – HCI Project

May 2024

High-fidelity UI design using Figma; focused on accessibility, responsive layout, and user flow.

### ChatMate – AI Chatbot

Jun 2024

Smart chatbot using Botpress for real-time analytics and natural language interaction.

### Loan Approval Prediction App

Dec 2024

Machine learning-based prediction app using Streamlit and Colab integration.

## EXPERIENCE

### Junior Java Developer — eConceptions (Pakistan) Jul 2025 – Present

- Contributing to backend microservices and SOAP/REST API integration in Java (Spring, Groovy & Grails).
- Collaborating with cross-functional teams to align backend architecture with Flutter-based frontend workflows.
- Improved system reliability through modular service design and refactoring legacy code.

### Flutter Development Intern – Pakistan Ordnance Factories (POF), Wah Cantt Summer 2024

- Led a 3-person team to build a Flutter-based internal-use app
- Integrated Firebase backend and responsive UI, delivered working prototype in 6 weeks
- Conducted regular team reviews, practiced structured task breakdown

### Languages:

- English (Fluent), Urdu (Native)

### Certifications:

- Internship Certificate – POF IT Department  <https://bit.ly/Internship-POF>